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Design

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TRADE MARK

THE GUTTA PERCHA
AND
RUBBER MFG.CO.

126 & 128 DUANE ST.
NEW YORK
BOSTON CHICAGO SAN FRANCISCO

TS
1893
G985

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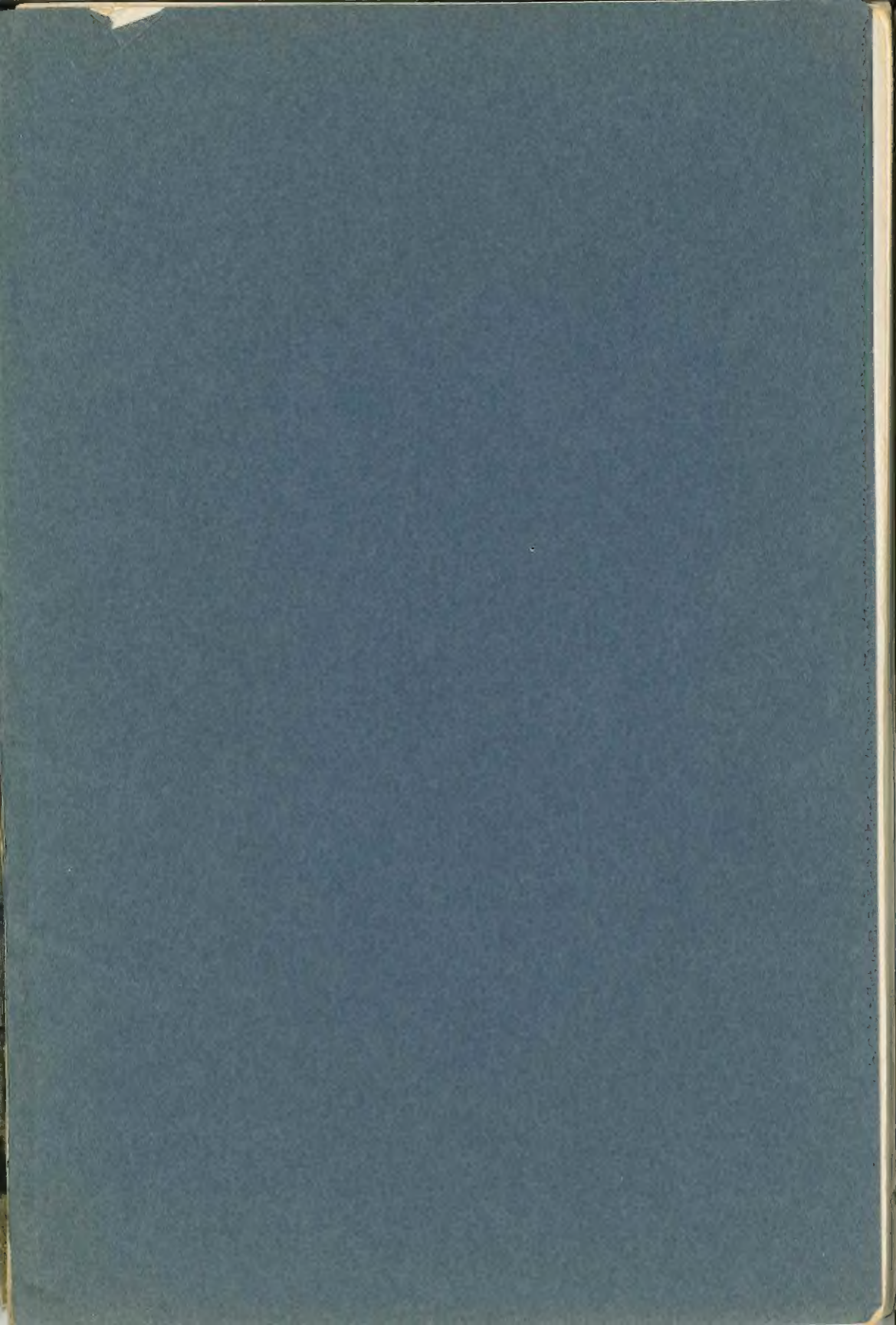
UNITED STATES PATENT OFFICE

CASE..... SHELF.....

GOVERNMENT PRINTING OFFICE

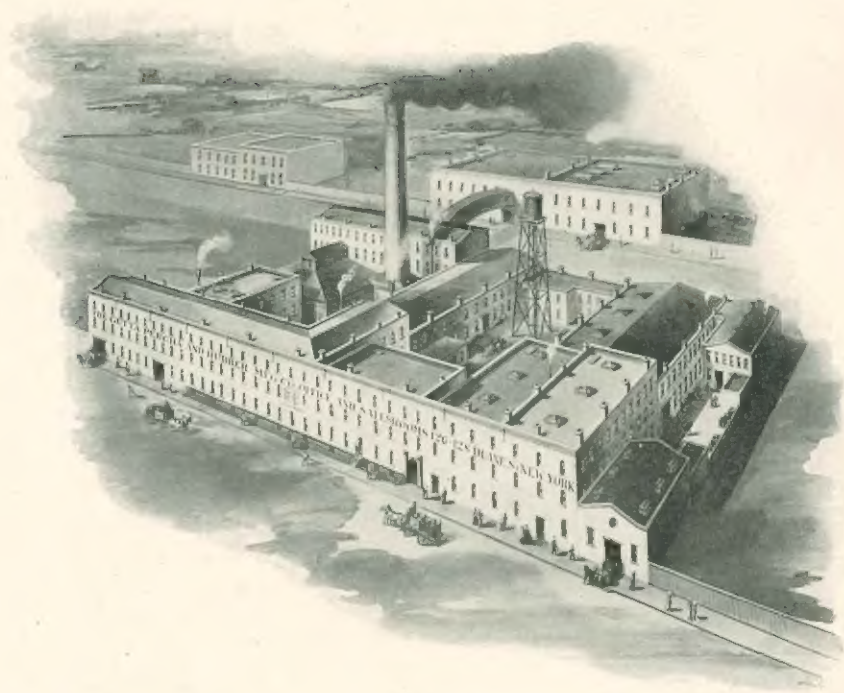
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DESIGN 55





Trade Mark



Half a Century



SINCE 1855—a half century—we have manufactured mechanical rubber goods of every description, keeping pace during that period with the strides of science in the discovery of new uses for rubber, and the invention of improved appliances for its manufacture, as befits one of the oldest and most progressive concerns in the line.

¶ In every stage of its production, from the handling of the raw material to the finishing touches on the completed article, we aim to produce merchandise that will withstand the severest tests for quality, and uphold our reputation for reliability.

¶ We are able to maintain this high degree of quality in all our work through the perfect organization of our establishment—that is, the employment of expert workmen, many of whom have grown up with the institution.

¶ Still another important factor in economical production is our immense plant—the gradual, healthy growth of five decades—fully equipped with the latest improved machinery and facilities in every department.

¶ Thus our customers are assured the lowest possible prices, as well as absolutely dependable merchandise.

¶ We therefore feel justified in emphasizing these points, and directing to them the special attention of the trade.

¶ In the following pages we show a comprehensive representation of our output. Most of the illustrations, as may be readily seen, are reproduced direct from photographs of the articles shown. We have endeavored to make our descriptive matter as concise and simple as is consistent with the nature of the catalog, avoiding unnecessary details and comment. The descriptions will be found most accurate, and may be absolutely relied upon in every respect.

¶ Reliability, quality and economy are the inducements we offer.

The Gutta Percha & Rubber Mfg. Company

2 0

1740

1740

General Catalog #75
of
Mechanical Rubber Goods
Belting . Packing
Hose . Etc



U. S. Patent Office.

JUN 16 1912

Trade-Marks and Designs

Manufactured by

The Gutta Percha & Rubber
Mfg. Company

Chicago *New York* *Boston*
 San Francisco

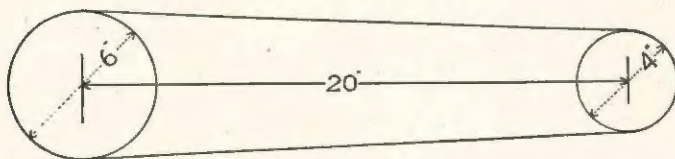
A. SPADONE	.	.	.	President
HENRY SPADONE	.	.	.	Vice-President
MATTHEW HAWES	.	.	.	Treasurer

Rubber Belting

Red Strip Maltese Cross Montana Sewed
 Mohawk Grain Elevator
 Mining Elevator, M. C. Cushion Surface Conveyor
 Frictioned Cover Belt

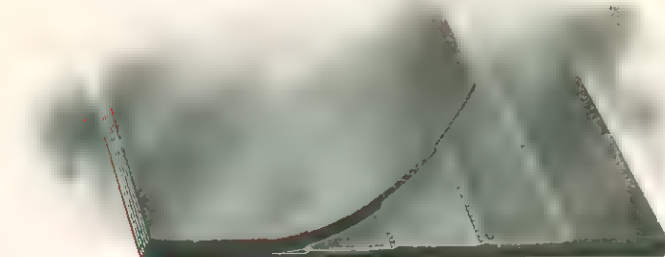
To Ascertain Length of Belt Needed

Multiply the sum of the diameters of pulleys by 1.57 and add twice the distance between shaft centers, viz.: Given a belt 20 feet between centers of pulleys, pulleys being 4 feet and 6 feet diameter, respectively, what length belt is needed?



$$\begin{array}{r} 6. \\ 4. \\ \hline 10. \\ 1.57 \\ \hline 15.70 \end{array}$$

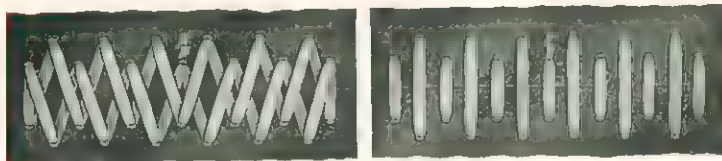
$$\begin{array}{r} 2 \times 20 = 40 \\ 15.70 \\ \hline 55.70 \\ \text{or } 55 \text{ feet } 8\frac{7}{8} \text{ inches} \end{array}$$



When Lacing Rubber Belts

Cut the ends perfectly straight, so that when butted they will match perfectly.

For narrow belts, make one or two rows of holes in each end and lace as per sketches below, taking care to have the holes punched in



With Lace Leather

straight lines across the belt, and that the holes made in one end shall be opposite those made in the other end.

For wide belts, step the plies down (as shown above) in addition, put a thin piece of rubber or leather on the back to strengthen the joints, equal in length to the width of the belt, and sewed or riveted to the belt.



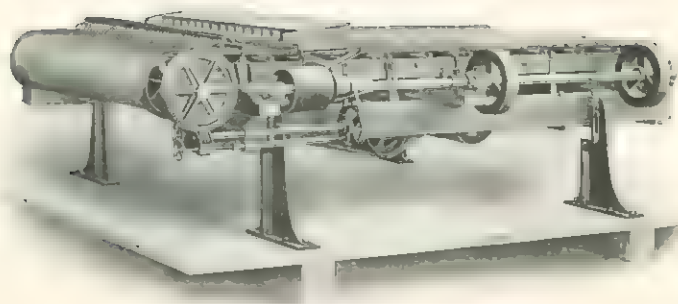
With Wire Lacing

Concentrator and Flanged Belts

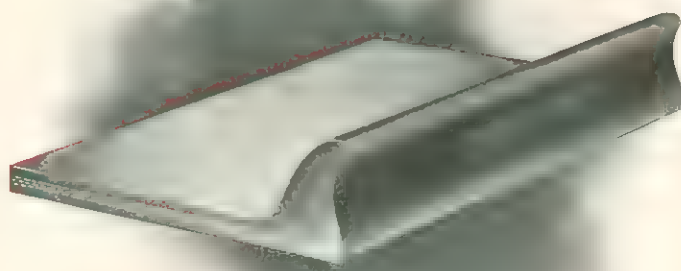
We call particular attention to our facilities for making belts for all kinds of concentrating and mining machinery.

Belts with flanged edges for conveying materials of all kinds.

Quotations upon application



Frue Vanner



Vanner Belt

THE Spadone Edge Vanner or Concentrator Belt is made of best quality material throughout. The flange is heavy, containing the finest grade of rubber, which with the method we use of running the duck up into the edge, prevents it from breaking at the base or cracking at the top.

The most durable Vanner Belt in the market. Made in all sizes with plain or roughened surface.

Quotations upon application

THE GUTTA PERCHA AND

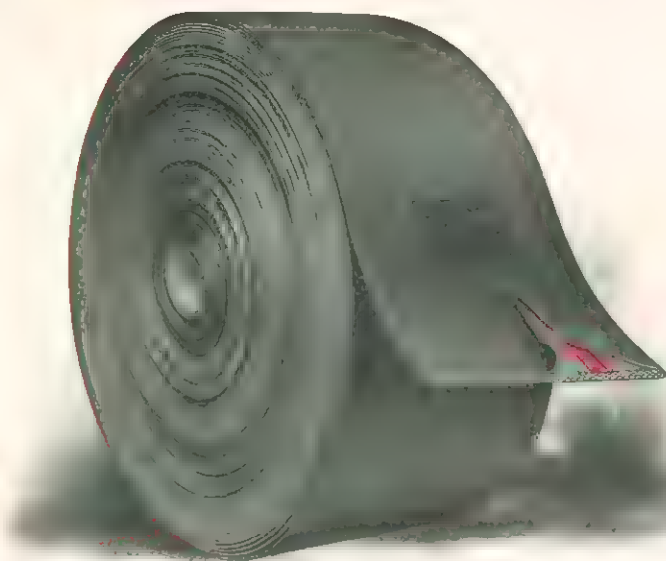
Price List of Rubber Belting

Inch	2-Ply Per Ft.	3-Ply Per Ft.	4-Ply Per Ft.	5-Ply Per Ft.	6-Ply Per Ft.	7-Ply Per Ft.	8-Ply Per Ft.
1	\$0.07	\$0.09	\$0.11				
1¼	.09	.11	.14				
1½	.11	.13	.16	\$0.19			
2	.15	.17	.21	.26	\$0.31		
2½	.18	.22	.26	.32	.39		
3	.22	.26	.31	.38	.46		
3½	.26	.30	.37	.46	.55		
4	.30	.34	.42	.52	.63	\$0.73	
4½	.33	.39	.47	.58	.70	.82	
5	.36	.43	.52	.65	.78	.91	
6	.43	.52	.62	.77	.93	1.08	\$1.24
7	.51	.60	.73	.91	1.09	1.27	1.46
8	.59	.70	.84	1.05	1.26	1.47	1.68
9	.67	.80	.95	1.18	1.42	1.66	1.90
10	.75	.90	1.07	1.33	1.60	1.87	2.14
11	.83	1.00	1.18	1.47	1.77	2.06	2.36
12	.91	1.08	1.30	1.62	1.95	2.27	2.60
13	1.00	1.18	1.42	1.77	2.13	2.48	2.84
14	1.08	1.28	1.54	1.92	2.31	2.69	3.08
15	1.16	1.38	1.66	2.07	2.49	2.90	3.32
16	1.25	1.50	1.78	2.22	2.67	3.11	3.56
18	1.41	1.70	2.02	2.52	3.03	3.53	4.04
20	1.58	1.90	2.26	2.82	3.39	3.95	4.52
22	1.76	2.12	2.52	3.15	3.78	4.41	5.04
24	1.96	2.36	2.80	3.50	4.20	4.90	5.60
26	2.15	2.60	3.08	3.85	4.62	5.39	6.16
28	2.35	2.84	3.36	4.20	5.04	5.88	6.72
30	2.55	3.10	3.64	4.55	5.46	6.37	7.28
32	2.75	3.35	3.92	4.90	5.88	6.86	7.84
34	2.95	3.60	4.20	5.25	6.30	7.35	8.40
36	3.15	3.85	4.48	5.60	6.72	7.84	8.96
38	3.35	4.10	4.76	5.95	7.14	8.33	9.52
40	3.55	4.35	5.04	6.30	7.56	8.82	10.08
42	3.75	4.60	5.32	6.65	7.98	9.31	10.64
44	3.95	4.85	5.60	7.00	8.40	9.80	11.20
46	4.15	5.10	5.88	7.35	8.82	10.29	11.76
48	4.35	5.35	6.16	7.70	9.24	10.78	12.32
50	.....	.....	6.44	8.05	9.66	11.27	12.88
52	.....	.....	6.72	8.40	10.08	11.76	13.44
54	.....	.....	7.00	8.75	10.50	12.25	14.00
56	.....	.....	7.28	9.10	10.92	12.74	14.56
58	.....	.....	7.56	9.45	11.34	13.23	15.12
60	.....	.....	7.84	9.80	11.76	13.72	15.68

Intermediate widths at proportionate prices.

Regular or full size rolls contain 350 to 400 feet, but we cut or make to order any length desired.

Orders filled for usual sizes from stock. Special sizes made on three days' notice. Endless Belts made to order, on which there will be three extra feet charged for the splice.

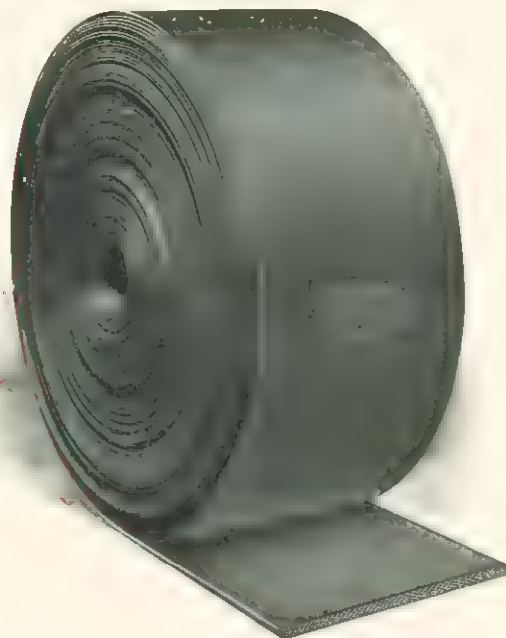


The Red Strip Brand

This is Our "Leader"

THE RED STRIP Belt has been known to the trade for more than a quarter of a century and during that period has won for itself an enviable position in the opinion of the users of Rubber Belting. It is made up to give satisfaction, of the best materials, *fully stretched*, and carefully finished. As a Trade Mark, and to give additional strength, we run a strip of red-colored rubber immediately under the lap. From this improvement, originally patented by this company, it derives its name of Red Strip Belting. We put it out as a thoroughly reliable and fully guaranteed belt.

List Page 10

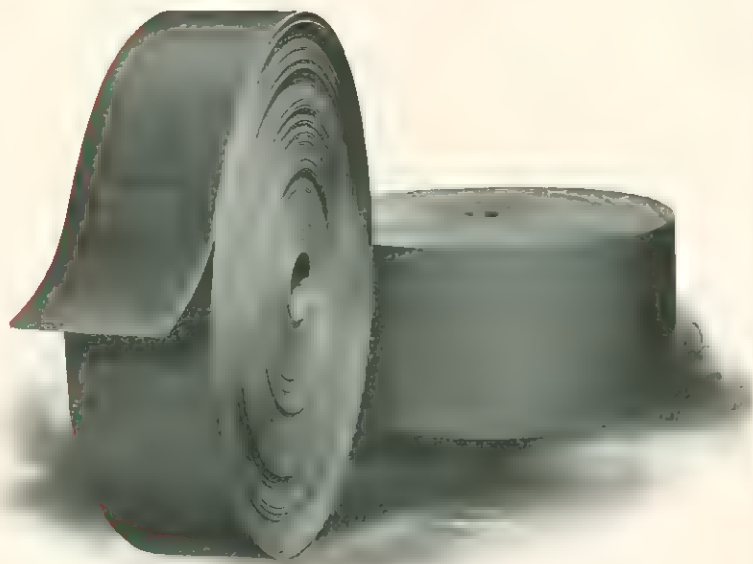


Maltese Cross Brand Rubber Belting

THIS is a special belt of the highest grade, particularly adapted for use wherever a belt of unusual strength and durability is required and suitable for hard places where difficulty is found in obtaining a satisfactory article. Made with a smooth, even cover on thirty-two ounce duck, with the plies strongly united with the best quality of rubber friction. A well pressed, compact belt, uniform in width and thickness, thoroughly stretched in course of manufacture, in fact, made in the best possible manner of the best materials and with the greatest care.

We place our Maltese Cross brand only upon such goods as we know are the best.

List page 10

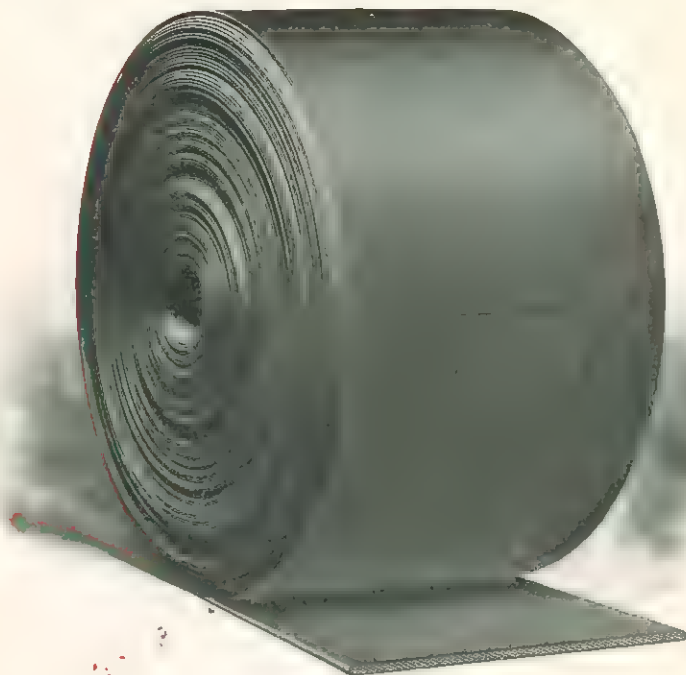


Mohawk Brand Rubber Belting

THIS belt is made on medium weight duck with a good grade of friction and cover, and is thoroughly well pressed and cured. It will be found a serviceable belt for ordinary work, and fills a large demand for small elevators and mills.

List page 10

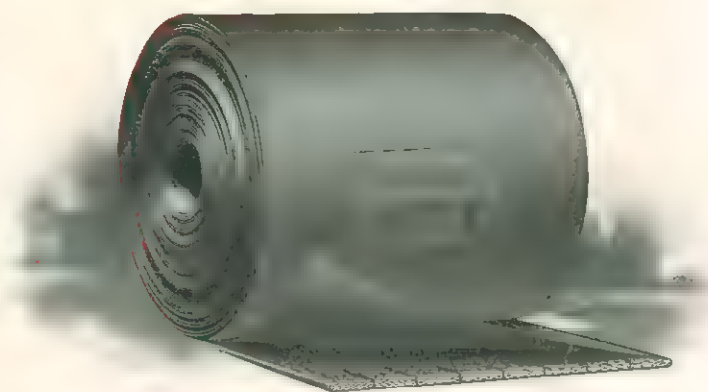
THE GUTTA PERCHA AND



*Specially Constructed
Elevator Belting*

OUR goods for this work are regularly made on 32 ounce duck, with a suitable friction, and hard, smooth cover, for use in grain elevators, etc. We make this grade only in wide belts, from 14 inches to 72 inches. All we put on are fully guaranteed for the service, and we have them in the largest elevators in the country.

List Page 10



U. S. Patent Office.

JUN 16 1913

Trade-Marks and Designs.

Montana Sewed

For Paper Mills and Saw Mills

THE best of the stitched belts, made of the heaviest duck and strongest friction; thoroughly stretched in course of manufacture; with a smooth, seamless cover; stitched closely and evenly with extra strong yarns and by the most approved and up-to-date machines.

Particularly adapted for use in paper mills and saw mills and wherever a stitched belt is required.

THE GUTTA PERCHA AND



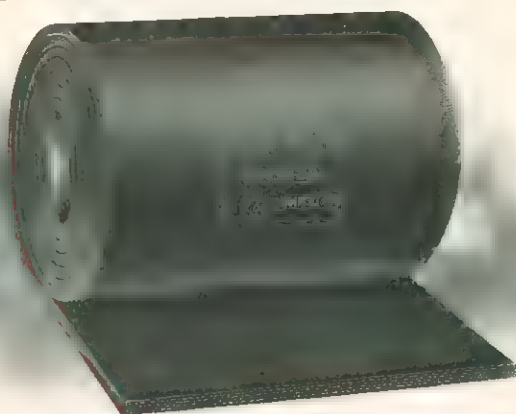
Mining Elevator and Conveyor Belt

IN the construction of this belt we use the heaviest duck and a very high grade of friction and cover. On the pulley side we put an *extra heavy cover*, from $\frac{1}{8}$ to $\frac{1}{4}$ inch thick, according to the need, forming a cushion to prevent the ore, etc., which falls from the buckets or scrapes along the surface of the belt from cutting through to the duck. It is equally well adapted for wet or dry elevating and conveying. For ore, coal, cement, etc.

List page 10



RUBBER MFG. COMPANY



Frictioned Cover Rubber Belting

Made of very fine, strong duck and rubber of the best quality. The combination of these two makes a belt that is adapted for the very hardest kind of work on fast running machinery.

Price List

Inch	3-Ply Per Ft.	5-Ply Per Ft.	7-Ply Per Ft.	9-Ply Per Ft.	11-Ply Per Ft.	13-Ply Per Ft.	15-Ply Per Ft.
1	\$0.08						
1 1/4	.10						
1 1/2	.13						
2	.17	\$0.19	\$0.24				
2 1/4	.20	.25	.29				
3	.25	.29	.36				
3 1/4	.29	.34	.41				
4	.34	.38	.47	\$0.59	\$0.70		
4 1/4	.37	.44	.53	.66	.79		
5	.40	.48	.58	.74	.89		
6	.48	.58	.69	.86	1.10		
7	.57	.67	.81	1.01	1.29		
8	.66	.78	.94	1.17	1.40		
9	.75	.89	1.06	1.31	1.58		
10	.84	1.00	1.19	1.48	1.78	\$2.08	
11	.93	1.11	1.31	1.64	1.97	2.30	\$2.97
12	1.01	1.20	1.45	1.80	2.19	2.58	3.17
13	1.11	1.31	1.58	1.97	2.37	2.77	3.43
14	1.20	1.42	1.71	2.14	2.57	3.00	3.71
15	1.29	1.53	1.85	2.30	2.77	3.24	3.97
16	1.39	1.67	1.98	2.47	2.97	3.47	4.51
18	1.57	1.89	2.25	3.13	3.37	3.94	5.05
20	1.76	2.11	2.51	3.50	4.20	4.90	5.60
22	1.96	2.36	2.80	3.89	4.67	5.45	6.23
24	2.18	2.62	3.11	4.28	5.13	5.98	6.83
26	.....	2.89	3.42	4.67	5.60	6.53	7.46
28	.....	3.16	3.73	4.94	5.96	7.07	8.08
30	.....	.....	4.04	5.06	6.06	7.62	8.71
32	.....	.....	4.35	5.44	6.53	8.17	9.34
34	.....	.....	4.67	5.83	7.00	8.70	9.94
36	.....	.....	4.98	6.22	7.46	9.25	10.57
38	.....	.....	5.29	6.61	7.93	9.80	11.20
40	.....	.....	5.60	7.00	8.40		

Hose

We manufacture hose of all descriptions

Water

Steam

Air Drill

Mill

Oil

Pneumatic

Suction

Divers Hose

Air Brake

Signal

Brewers

Fire



We call particular attention to our full line of Garden and Hydrant Hose.

Water Hose List

Internal Diameter	2-Ply Per Foot	3-Ply Per Foot	4-Ply Per Foot	5-Ply Per Foot	6-Ply Per Foot
$\frac{1}{2}$ inch.	\$0.20	\$0.25	\$0.30	\$0.37	\$0.45
$\frac{3}{4}$ inch.	.25	.30	.37	.46	.55
1 inch.	.33	.40	.50	.62	.75
$1\frac{1}{4}$ inch.	.42	.50	.62	.77	.93
$1\frac{1}{2}$ inch.	.50	.60	.75	.93	1.12
$1\frac{3}{4}$ inch.	.58	.70	.87	1.08	1.30
2 inch.	.66	.80	1.00	1.25	1.50
$2\frac{1}{4}$ inch.	.75	.90	1.12	1.40	1.68
$2\frac{1}{2}$ inch.	.83	1.00	1.25	1.56	1.87
$2\frac{3}{4}$ inch.	.92	1.10	1.37	1.71	2.05
3 inch.	.99	1.20	1.50	1.87	2.25
$3\frac{1}{4}$ inch.	1.16	1.40	1.75	2.18	2.62
4 inch.	1.32	1.60	2.00	2.50	3.00
5 inch.	1.65	2.00	2.50	3.13	3.75
6 inch.	1.98	2.40	3.00	3.75	4.50
7 inch.	2.31	2.80	3.50	4.38	5.25
8 inch.	2.64	3.20	4.00	5.00	6.00
9 inch.	2.97	3.60	4.50	5.63	6.75
10 inch.	3.33	4.00	5.00	6.25	7.50

The Care of Hose

RUBBER hose should be kept in a cool, moist place as much as possible, as dry heat has a tendency to harden and crack the rubber.

Hose should never be allowed to remain kinked or bent any length of time.

Our Brands of Water Hose

This brand always indicates our highest quality. All sizes of carbolized hose are treated with our special preparation of carbohc acid, which preserves the duck and rubber from mildew and deterioration. This grade will last longer than anything else on the market.

Ridgewood brand is recommended for high pressures and hard places. It is made on heavy, strong duck, with fine high-grade tube and cover. It has no superior, with the exception of our carbolized hose.

Wallabout hose has a wide reputation for service and durability. We recommend it for all kinds of uses, such as railroads, steamboats, mines and mills requiring a water hose. It is fully guaranteed.

List page 19.



Our Brands of Water Hose

Rescue hose is a good article for moderate pressures, and is in demand for conducting purposes. Made in all sizes from one-half to two and one-half inches. It is a popular hose with the trade.

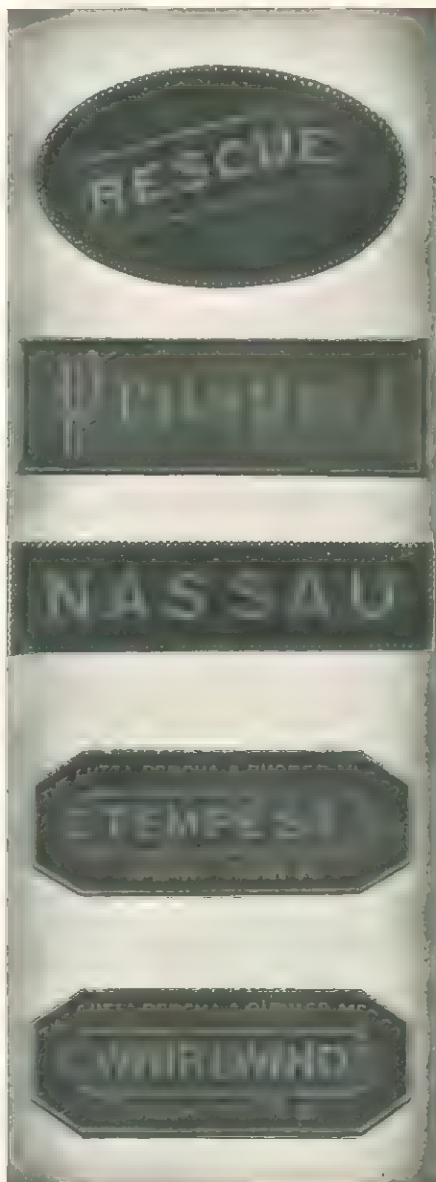
Prospect hose is made only in one-half and three-quarter inch sizes for lawn purposes, and is a good serviceable article at a reasonable price.

Nassau hose is also made only in one-half and three-quarter inch sizes, and is serviceable under moderate pressure.

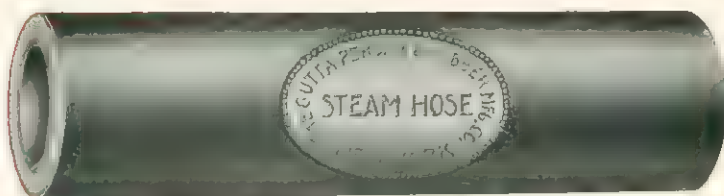
Tempest hose is made in one-half and three-quarter inch sizes only and is seven ply for high pressure. It is an excellent lawn hose and very durable.

Whirlwind hose is made in one-half and three-quarter inch sizes only, and is five ply. This is one of the best brands of lawn hose on the market, and we fully guarantee every length.

List page 19.



THE GUTTA PERCHA AND



Steam Hose

HOSE that is used to conduct steam requires to be entirely different in both material and construction from water hose. It must be so constructed as to resist heat as well as pressure. To get the best results from steam hose it is desirable to use a good many plies and avoid turning steam into the hose at a higher temperature than necessary.

<i>Brands</i>		
Maltese Cross	Ridgewood	Wallabout
<i>Price List</i>		

Inch	3-Ply	4-Ply	5-Ply	6-Ply	7-Ply	8-Ply
$\frac{1}{2}$	\$0.43	\$0.51	\$0.63	\$0.76	\$0.89	\$1.02
$\frac{3}{4}$	.51	.67	.83	1.00	1.17	1.34
1	.67	.83	1.03	1.24	1.45	1.66
1 $\frac{1}{4}$	.85	1.04	1.30	1.56	1.82	2.08
1 $\frac{1}{2}$	1.02	1.25	1.56	1.87	2.18	2.50
1 $\frac{3}{4}$	1.18	1.45	1.81	2.17	2.53	2.90
2	1.34	1.66	2.07	2.49	2.90	3.32
2 $\frac{1}{4}$	1.50	1.87	2.33	2.80	3.27	3.74
2 $\frac{1}{2}$	1.66	2.08	2.60	3.12	3.64	4.16

We desire to call the attention of consumers to the fact that steam hose, as ordinarily made, is vulcanized at a temperature of 240 degrees. Therefore when it is subjected to a continuous heat greater than 240 degrees the rubber is hardened and the hose will deteriorate.

We append a table of the heat generated by pressure, from which consumers will see the advantage of keeping the steam pressure below forty pounds.

	Degrees Heat
40 pounds steam pressure generates	269
50 pounds steam pressure generates	283
60 pounds steam pressure generates	295
70 pounds steam pressure generates	306
80 pounds steam pressure generates	315
90 pounds steam pressure generates	324
100 pounds steam pressure generates	332
125 pounds steam pressure generates	360



Air Drill and Compressor Hose

MANUFACTURED to withstand the severest uses in mines, quarries, etc., where the wear on the outer covering is severe, and the service requires a high-grade tube.

Brands

Maltese Cross

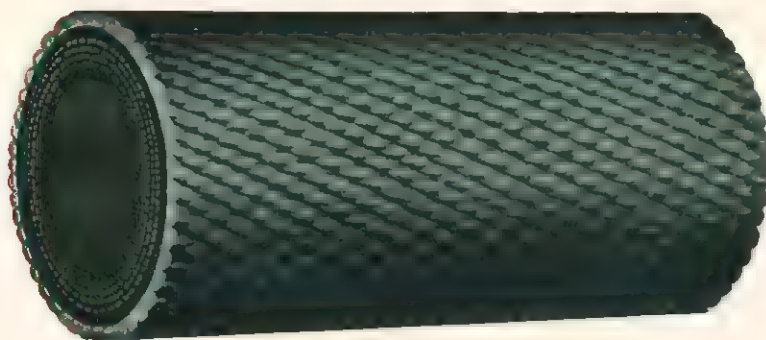
Ridgewood

Wallabout

Price List

Diameter in Inches	4-Ply 3-Ply Inside 1-Ply Outside	5-Ply 4-Ply Inside 1-Ply Outside	6-Ply 5-Ply Inside 1-Ply Outside
$\frac{3}{4}$	\$0.67	\$0.83	\$1.00
1	.83	1.03	1.24
$1\frac{1}{4}$	1.04	1.30	1.56
$1\frac{1}{2}$	1.25	1.56	1.87
2	1.66	2.07	2.49
$2\frac{1}{4}$	1.87	2.33	2.80
$2\frac{1}{2}$	2.08	2.60	3.12

THE GUTTA PERCHA AND



Cut Actual Size

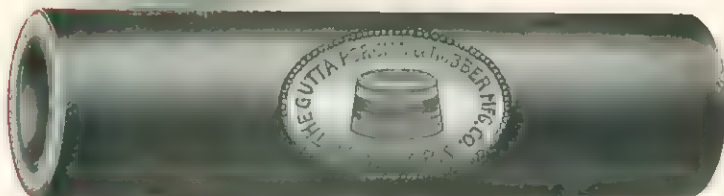
Blue Jacket Air and Steam Hose

THIS hose has a special jacket, antiseptically prepared and painted blue, which fits over the hose and makes a tight, solid covering which resists a high pressure. It is superior to marlined or wire-wound hose, as it will not unwind, and greatly prolongs the life of hose which comes in contact with rough surfaces. This hose is especially adapted for mine and quarry work.

Price List

Interior Diameter	3-Ply Per Ft.	4-Ply Per Ft.	5-Ply Per Ft.	6-Ply Per Ft.
½ inch . . .	\$0.43	\$0.51	\$0.63	\$0.76
¾ inch . . .	.51	.67	.83	1.00
1 inch . . .	.67	.83	1.03	1.24
1¼ inch . . .	.85	1.04	1.30	1.56
1½ inch . . .	1.02	1.25	1.56	1.87
1¾ inch . . .	1.18	1.45	1.81	2.17
2 inch . . .	1.34	1.66	2.07	2.49
2½ inch . . .	1.66	2.08	2.60	3.12
3 inch . . .	2.00	2.80	3.50	4.20

For each additional ply add 25 per cent. of 4-ply prices.
Larger sizes made when required.



Brewers' Hose

WE take special pains in the manufacture of our Brewers' Hose to see that the tube and cover are so constructed as to resist the action of hot liquids and withstand the wear incidental to brewers' work.

Brands

Ridgewood

Wallabout

Special

Price List

Interior Diameter	3-Ply Per Ft.	4-Ply Per Ft.	Interior Diameter	3-Ply Per Ft.	4-Ply Per Ft.
½ inch .	\$0.43	\$0.51	1¼ inch .	\$1.18	\$1.45
¾ inch .	.51	.67	2 inch .	1.34	1.66
1 inch .	.67	.83	2½ inch .	1.66	2.08
1¼ inch .	.85	1.04	3 inch .	2.00	2.80
1½ inch .	1.02	1.25			

Five and 6-ply Brewers' Hose made at an advance of 25 and 50 per cent. respectively, on 4-ply prices.

THE GUTTA PERCHA AND



Oil Hose

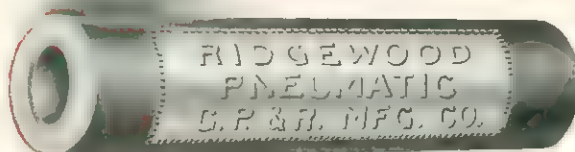
Price List

Inches	3-Ply	4-Ply	5-Ply	6-Ply
$\frac{1}{2}$	\$0.43	\$0.51	\$0.63	\$0.76
$\frac{3}{4}$	.51	.67	.83	1.00
1	.67	.83	1.03	1.24
$1\frac{1}{4}$	.85	1.04	1.30	1.56
$1\frac{1}{2}$	1.02	1.25	1.56	1.87
2	1.34	1.66	2.07	2.49
$2\frac{1}{4}$	1.50	1.87	2.33	2.80
$2\frac{1}{2}$	1.66	2.08	2.60	3.12
3	2.00	2.80	3.50	4.20

As oil is detrimental to rubber in differing degrees, it is necessary to make different compounds, each of which should be able to withstand the particular oil that it may come in contact with.

From our wide experience, we are able to make compounds which resist the different oils to a high degree. In oil hose we select from these stocks, using the one which in our judgment appears the best suited for the purpose.

In writing us give full information regarding the use required and the kind of oil to be used, and we will give you prices and a quality that will be satisfactory.



Pneumatic Hose

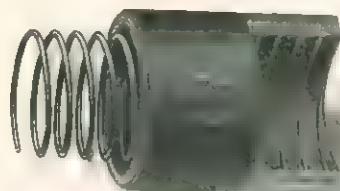
AS the use of pneumatic tools has increased enormously in the past few years, we have taken great pains to manufacture a hose that will meet all the requirements of such use. To do good service a hose should be strong and pliable, and at the same time should be able to withstand the hard service due to pulling over rough floors and the sharp edges of iron. The hose should also withstand the high heat which is caused by the compression of the air.

Price List

Internal Diameter	4-Ply	5-Ply	6-Ply	7-Ply
$\frac{1}{4}$ inch . . .	\$0.35	\$0.43	\$0.51	\$0.60
$\frac{3}{8}$ inch . . .	.43	.51	.63	.75
$\frac{1}{2}$ inch . . .	.51	.63	.76	.89
$\frac{3}{4}$ inch . . .	.67	.83	1.00	1.17
1 inch . . .	.83	1.03	1.24	1.45
1 $\frac{1}{4}$ inch . . .	1.04	1.30	1.56	1.82
1 $\frac{1}{2}$ inch . . .	1.25	1.56	1.87	2.18
2 inch . . .	1.66	2.07	2.49	2.90

THE GUTTA PERCHA AND

Suction Hose

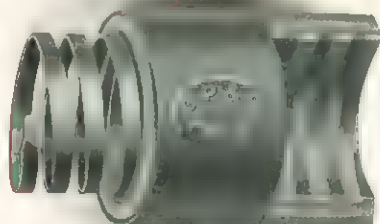


List Prices

*On Spiral Brass
Wire*

*On Spiral Galvanized Steel
Wire*

Internal Diameter		Per Foot	Internal Diameter		Per Foot
$\frac{3}{4}$ inch	.	\$0.77	$\frac{3}{4}$ inch	.	\$0.70
1 inch	.	1.00	1 inch	.	.90
$1\frac{1}{4}$ inch	.	1.25	$1\frac{1}{4}$ inch	.	1.15
$1\frac{1}{2}$ inch	.	1.65	$1\frac{1}{2}$ inch	.	1.50
$1\frac{3}{4}$ inch	.	2.10	$1\frac{3}{4}$ inch	.	1.90
2 inch	.	2.50	2 inch	.	2.30



For Wrecking, Mining Purposes, Etc.

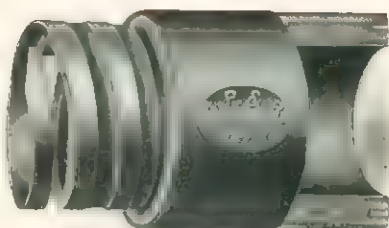
Made to order, of any size and length required, on spirally wound, galvanized steel wire.

Internal Diameter	Per Foot	Internal Diameter	Per Foot	Internal Diameter	Per Foot
$2\frac{1}{2}$ inch	\$3.10	5 inch	\$ 7.60	$7\frac{1}{2}$ inch	\$13.50
3 inch	4.00	$5\frac{1}{2}$ inch	8.50	8 inch	15.00
$3\frac{1}{2}$ inch	4.90	6 inch	9.50	9 inch	17.50
4 inch	5.80	$6\frac{1}{2}$ inch	10.50	10 inch	20.00
$4\frac{1}{2}$ inch	6.70	7 inch	12.00	12 inch	25.00

For rough work, in sizes $3\frac{1}{2}$ inches and over, this hose is much used. The wire is exposed on the inside but is galvanized to prevent rusting.



Smooth Bore Suction Hose



Extra heavy smooth bore, on flat wire, for mining and marine pumps.

Interior Diameter	Per Foot	Interior Diameter	Per Foot
2 inch . . .	\$2.60	6 inch . . .	\$10.50
2½ inch . . .	3.50	6½ inch . . .	12.00
3 inch . . .	4.50	7 inch . . .	13.50
3½ inch . . .	5.50	7½ inch . . .	15.00
4 inch . . .	6.50	8 inch . . .	16.50
4½ inch . . .	7.50	9 inch . . .	19.50
5 inch . . .	8.50	10 inch . . .	22.50
5½ inch . . .	9.50	12 inch . . .	27.50

Made with spiral flat steel wire.

This hose is made with a smooth lining inside the hose. This protects the steel from rusting and also gives a perfectly smooth waterway, thus reducing the friction and giving a longer suction. It is made in all sizes from 1¼ inches up.

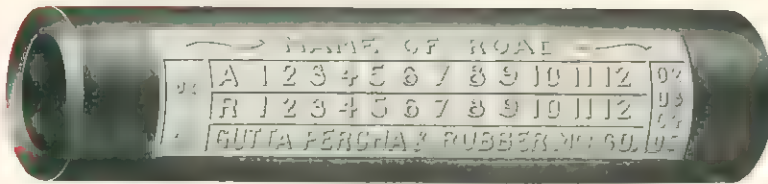
For sizes over 12 inches diameter we will make special prices upon application. This hose in large sizes is used for mining and marine work and is made especially heavy and strong.



Fire Department Suction

Maltese Cross Brand, patent carbolized, light, pliable and strong. The *rubber and duck* used in the manufacture of this suction are treated with *carbolic acid* in the same manner as our *Maltese Cross Brand Fire Hose*, and is thereby effectually preserved from mildew and rot. Fire departments pronounce this the best suction hose in use.





Air Brake Hose

IN our Maltese Cross Air Brake Hose we offer an article *par excellence*. Nothing is spared to make this brand the highest type and most perfect article on the market. We guarantee it to stand the test required by the severest specifications.

Made in any size and length desired.

The U. S. brand Air Brake Hose we have made for many years and fully guarantee. It wears well and will give excellent service. Made in all sizes.

Brands

Maltese Cross

U. S.

Price List

1 inch int. diameter	.	.	.	.	.	.	per foot \$0.83
1 1/4 inch int. diameter	.	.	.	.	.	.	per foot 1.04



Corrugated Tender Tank Hose

THIS hose is corrugated and specially constructed to prevent it from collapsing or kinking, thereby making it impossible to break or shut off injectors when rounding a curve or striking a low joint.

The outside is covered with a special jacket or cover to prevent oil, grease, etc., from destroying it. This hose is acknowledged by many of the master mechanics of our leading railroads to be the ideal hose for engine and tender connections.

Price List

	Per Foot
1¼ inch . . .	\$0.87
2 inch . . .	1.00
2¼ inch . . .	1.12
2½ inch . . .	1.25
2¾ inch . . .	1.37
3 inch . . .	1.50

THE GUTTA PERCHA AND

Divers' Hose

We guarantee our hose to float

Prices on application



Dredging Sleeves for Pontoon Dredging

Made in all sizes. Our Maltese Cross goods are the most durable for this kind of work.

Prices on application



Wire Wound Hose



Price List for Winding *Water* Hose with Tinned Steel Wire

Size	3-Ply	4-Ply	5-Ply	6-Ply
$\frac{1}{4}$ inch per foot . . . .	.08	.04	.05	.06
$\frac{3}{4}$ inch per foot . . . .	.04	.05	.06	.07
1 inch per foot . . . . .	.05	.07	.08	.09
$1\frac{1}{4}$ inch per foot . . . .	.07	.08	.09	.10
$1\frac{1}{2}$ inch per foot . . . .	.08	.09	.10	.11
2 inch per foot . . . . .	.10	.11	.12	.13
$2\frac{1}{2}$ inch per foot . . . .	.12	.13	.14	.15



Price List for Winding *Steam* Hose with Tinned Wire

Size	3-Ply	4-Ply	5-Ply	6-Ply
$\frac{1}{4}$ inch per foot . . . .	.06	.07	.08	.09
$\frac{3}{4}$ inch per foot . . . .	.07	.08	.09	.10
1 inch per foot . . . . .	.08	.09	.10	.11
$1\frac{1}{4}$ inch per foot . . . .	.09	.10	.11	.12
$1\frac{1}{2}$ inch per foot . . . .	.10	.11	.12	.13
2 inch per foot . . . . .	.13	.14	.15	.16
$2\frac{1}{2}$ inch per foot . . . .	.17	.18	.19	.20



Price List for Winding *Steam* Hose with Marline

Size	3-Ply	4-Ply	5-Ply	6-Ply
$\frac{1}{4}$ inch per foot . . . .	.03	.04	.05	.06
$\frac{3}{4}$ inch per foot . . . .	.04	.05	.06	.07
1 inch per foot . . . . .	.05	.07	.08	.09
$1\frac{1}{4}$ inch per foot . . . .	.07	.08	.09	.10
$1\frac{1}{2}$ inch per foot . . . .	.08	.09	.10	.11
2 inch per foot . . . . .	.10	.11	.12	.13
$2\frac{1}{2}$ inch per foot . . . .	.12	.13	.14	.15

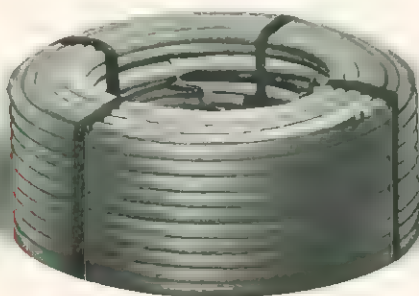
The Gutta Percha and Rubber Mfg. Company



*White Rubber
Tubing*

Made with walls $\frac{1}{8}$, $\frac{3}{32}$, $\frac{1}{16}$ inch thick, with smooth or corrugated surface, and put up in boxes of convenient size, containing 50 to 100 feet each.

Interior Diameter	Per Foot	Interior Diameter	Per Foot
$\frac{1}{8}$ inch	\$0.08	$\frac{1}{2}$ inch	\$0.25
$\frac{3}{32}$ inch . . . .	.12	$\frac{3}{8}$ inch . . . .	.30
$\frac{1}{4}$ inch . . . .	.16	$\frac{7}{8}$ inch . . . .	.35
$\frac{5}{16}$ inch . . . .	.18	1 inch . . . .	.45
$\frac{3}{8}$ inch . . . .	.20		



Cloth Insertion

Made seamless and in 50-foot lengths.

Interior Diameter	Per Foot	Interior Diameter	Per Foot
$\frac{1}{8}$ inch	\$0.10	$\frac{1}{2}$ inch	\$0.28
$\frac{1}{4}$ inch . . . .	.14	$\frac{3}{8}$ inch . . . .	.33
$\frac{3}{8}$ inch . . . .	.18	$\frac{7}{8}$ inch . . . .	.38
$\frac{1}{2}$ inch . . . .	.20	1 inch . . . .	.50
$\frac{5}{8}$ inch . . . .	.23		

Packing

We manufacture the following high-grade packings:

Rubber Sheet

Rubber and Cloth Sheet

Rubber Sheet, Wire Insertion

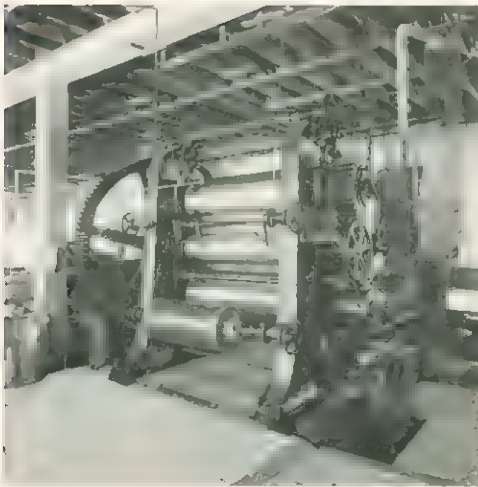
Special Blue Sheet, Pyramid Brand

Special Red Sheet, Red Jacket Brand

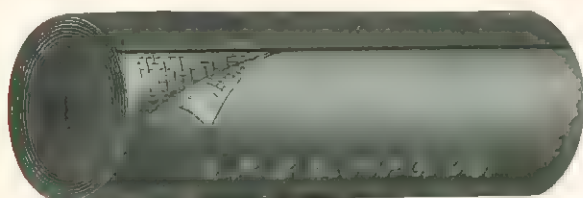
Hydraulic Square

Square and Round Canvas

Square and Round Pure Rubber



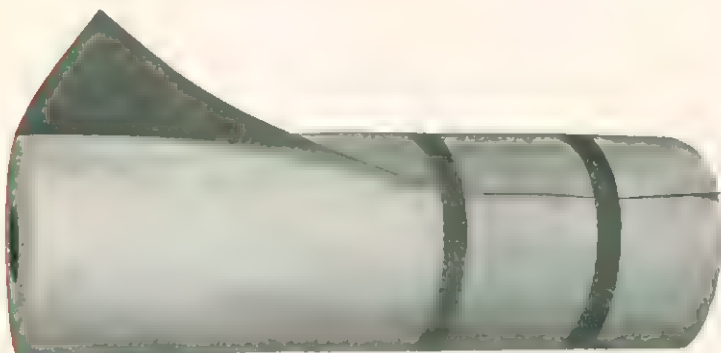
THE GUTTA PERCHA AND



Steam Sheet Packing

Wire insertion.

IN this packing there is a wire netting used in place of cloth, thereby increasing its resisting power very largely. For some kinds of work it is very desirable. We carry in stock all sizes from $\frac{1}{8}$ to $\frac{1}{4}$ inch, 36 inches wide. Per pound, \$0.50

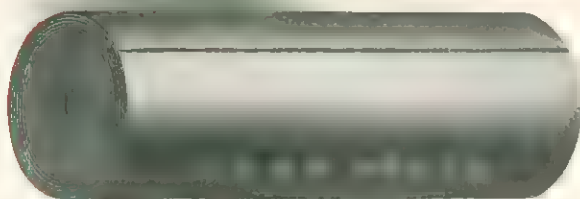


Steam Sheet Packing

Cloth insertion; cloth one side, cloth both sides.

Thickness	1-Ply	2-Ply	3-Ply	4-Ply
$\frac{1}{8}$ inch	\$0.70			
$\frac{1}{8}$ inch	.65			
$\frac{1}{8}$ inch	.60	\$0.63	\$0.66	
$\frac{3}{16}$ inch	.55	.58	.61	
$\frac{3}{16}$ inch	.55	.55	.58	\$0.61
$\frac{1}{4}$ inch	.55	.55	.55	.58
$\frac{1}{4}$ inch	.55	.55	.55	.55

One ply of cloth to every $\frac{1}{8}$ inch thickness.
 Three cents per pound *additional* will be charged for *each extra ply*.
 All packing is one yard wide, and any length desired.



Pure Rubber Sheet Packing or Valve Gum

Carried in stock in rolls 1 yard wide and from 5 to 45 yards long, according to thickness. All thicknesses from $\frac{1}{4}$ inch to $1\frac{1}{2}$ inches constantly on hand. Extra thicknesses and widths up to 72 inches furnished to order on short notice. Price, per pound . . . \$1.40

Diaphragm Packing

Made of Pure Gum Heavy Cloth Insertion. Price, per pound, \$1.50



Packing Vulcanizer

THE GUTTA PERCHA AND



*Pyramid Brand
Bluestone Packing*

THERE is no packing made that will last as long or withstand as well the action of steam heat, hot or cold water and air.

Especially adapted for high pressures and severe places.

Per pound, \$0.80



Red Jacket High-Pressure Packing

FOR steam, water, oil and air. The best red packing on the market. There are many qualities of red sheet packing offered. We make the best and guarantee it to do good service. It is made of special compounds to stand high temperatures.

Price per pound \$0.80



Piston Rod Packing



Square Duck Packing

Used for ordinary pump work. Made in 18-foot lengths.

Rubber Back Packing

Made in lengths of 18 feet.

Hydraulic Square Duck Packing

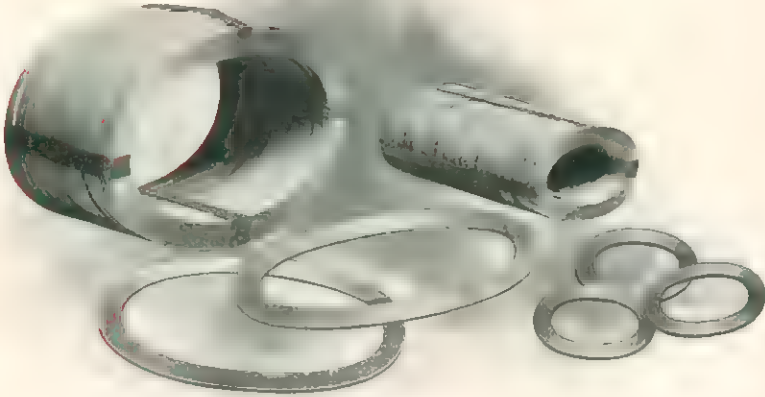
Made of alternate layers of high quality, fine, close-woven duck and best rubber.

Round Piston Rod Packing

Made in lengths of 12 feet, from $\frac{1}{4}$ to $\frac{3}{8}$ inch in diameter, with pure rubber core.

Pure Gum Packing

Either round or square. Made of different qualities of rubber to meet the different demands.



Gaskets and Rings

Fibrous

$\frac{1}{8}$ inch thick, or less	per pound, \$0.90
$\frac{3}{8}$ inch thick and upward	per pound, .80

Cloth Insertion

$\frac{1}{8}$ inch thick, or less	per pound, \$1.25
$\frac{3}{8}$ inch thick and upward	per pound, 1.00

There is one ply of cloth to every $\frac{1}{8}$ inch thickness.

Five cents per pound additional will be charged for each extra ply of cloth.

Wire Insertion

Price	per pound, \$1.10
-----------------	-------------------

Pyramid Brand Bluestone

All thicknesses.

Price	per pound, \$1.10
-----------------	-------------------

Pure Gum

Any size and thickness	per pound, \$1.50
----------------------------------	-------------------

Orders for special sizes filled on short notice.

Diaphragms

Made of pure gum with or without cloth insertion.

Special diaphragms made to order.

Damper

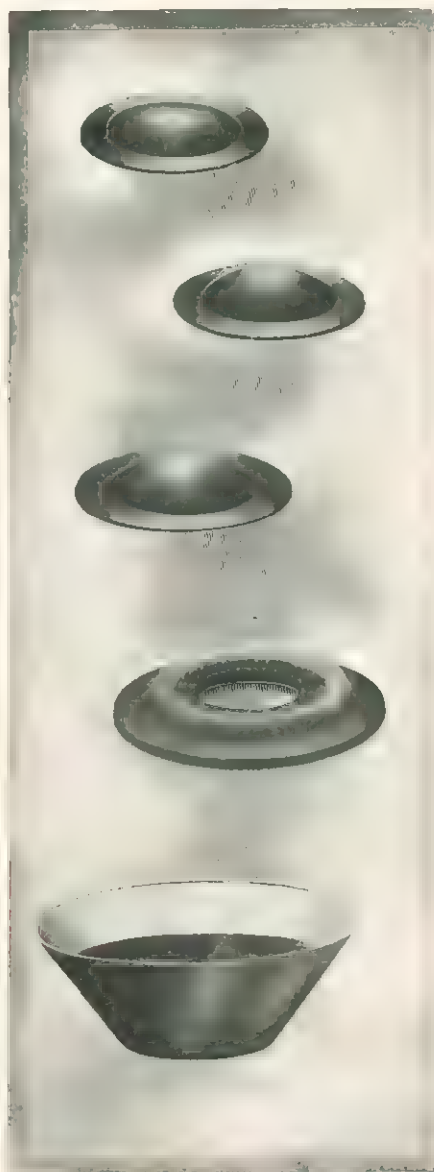
From 6 to 12 inches diameter. Prices on application.

Pump

Price, . per pound, \$1.50

Eames Diaphragms for Vacuum Brakes

No.		
2½	. per dozen,	\$72.00
2¾	. per dozen,	72.00
3	. per dozen,	60.00
4	. per dozen,	48.00



RUBBER MFG. COMPANY



Valves

We manufacture valves for all classes of work, and suitable for all temperatures and pressure.

In ordering state the kind of work, also the temperature and pressure, and we can furnish valves to suit the conditions which will give satisfaction.

The following are our regular grade valves:

For Cold Water
Soft

Y.

For Moderate Temperature
Medium

M.Y. and R.

For Hot Water
Hard

J.Y.

Following are special for *severe* work:

For Cold Water
Soft

C.

For Cold or Warm Water
Medium

G.

For
Blowing Engines

B.E.

For Hot Water
Hard

J.

For Condenser

C.T.

B.F.

For Air

O. Very Soft

OO. Pure Gum

For Oil

V.

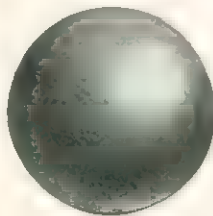
For special high pressure cold water service and when a perfect seating valve is required we make a valve hard one side and soft the other, which we designate as

C. and J.

Valve Balls

	Per Dozen
$\frac{3}{4}$ inch or less, \$	0.80
1 inch	1.00
1 $\frac{1}{4}$ inch	1.40
1 $\frac{1}{2}$ inch	1.90
1 $\frac{3}{4}$ inch	2.50
1 $\frac{1}{2}$ inch	3.25
1 $\frac{3}{4}$ inch	4.00
1 $\frac{1}{2}$ inch	4.75
1 $\frac{3}{4}$ inch	5.50
2 inch	6.50
2 $\frac{1}{4}$ inch	8.00
2 $\frac{1}{2}$ inch	10.50

Price List



	Per Dozen
2 $\frac{3}{4}$ inch	\$ 13.00
3 inch	15.50
3 $\frac{1}{4}$ inch	19.50
3 $\frac{1}{2}$ inch	23.50
3 $\frac{3}{4}$ inch	29.25
4 inch	35.00
4 $\frac{1}{2}$ inch	54.50
5 inch	70.00
6 inch	115.00
7 inch	175.00
8 inch	250.00

THE GUTTA PERCHA AND



Wagon Springs

No. 1.	3½ inches high, 1½ inches thick,	. . .	per pound, \$0.35
No. 2.	3½ inches high, 1½ inches thick,	. . .	per pound, .35
No. 3.	3½ inches high, 1½ inches thick,	. . .	per pound, .35
No. 4.	4 inches high, 2 inches thick,	. . .	per pound, .35

Rings for Beer Keg Washing Machines

Price, per pound, \$0.75





RUBBER MFG. COMPANY



Pulley Sheave Filling

Made in pieces 2 feet long.

All sizes and shapes, per pound, \$1.50



*Round Spring
or Bumper Rubber*

Per pound, \$1.50



Mats and Matting

Perforated Mats

Cell or Diamond Mats

Especially Designed Mats

Pitcher and Cuspidor Mats

Step Treads and Corrugated Matting

Multicolored Rubber Tiling



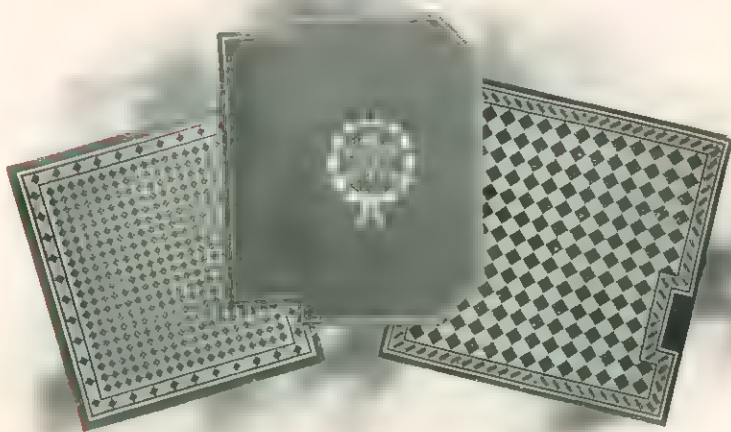
Vulcanized Mosaic Multi-Colored Tiling

Patented

WE have recently made a valuable improvement in the manufacture of rubber tiling.

Our process consists of joining by vulcanization the multicolored pieces which go to make up the mats. Goods so made are much more satisfactory than those laid in individual pieces because there is less opportunity for foreign matter to get down between the tiles, gradually work under them, raise them up, and thus destroy the uniformity of the surface. Besides being made up of large pieces there is very much less labor in laying them, and once down they lay like a wooden floor or like burned tiling set in cement.

Our process enables us to produce an article entirely different from anything else of the sort in the market. Much more beautiful because of our ability to use and combine all colors and shades of colors. We can make it up in any pattern, and will be glad to furnish a booklet on tiling, showing patterns, etc., upon application.





Perforated Mats

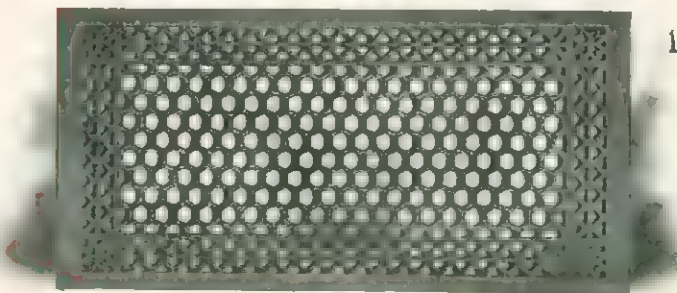
MADE to order of any *size* or *shape*, in a variety of patterns, and with either *plain* or *corrugated* surface. We submit a few designs of acknowledged merit, which we recommend as artistic and durable.

These mats are particularly adapted for use in *public halls, hotels, elevators, steamboats, street cars, railroad cars, warehouses, etc.*, or where there is constant traffic, or wet and variable conditions. They will outwear any mat manufactured.

$\frac{1}{2}$ inch thick	.	.	.	.	.	.	per square foot, \$1.25
$\frac{3}{8}$ inch thick	.	.	.	.	.	.	per square foot, 1.00
$\frac{1}{4}$ inch thick	.	.	.	.	.	.	per square foot, .75

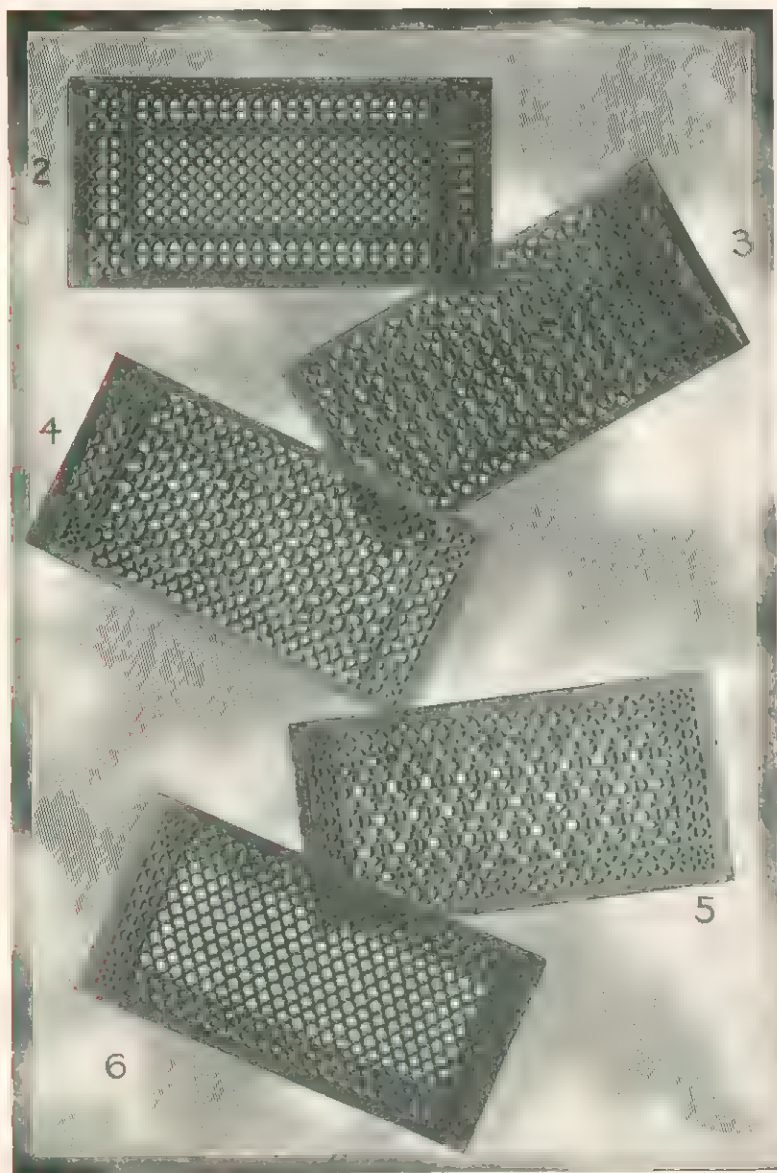
Letters, 25 cents each, extra.

Red or white letters, 50 cents each, extra.

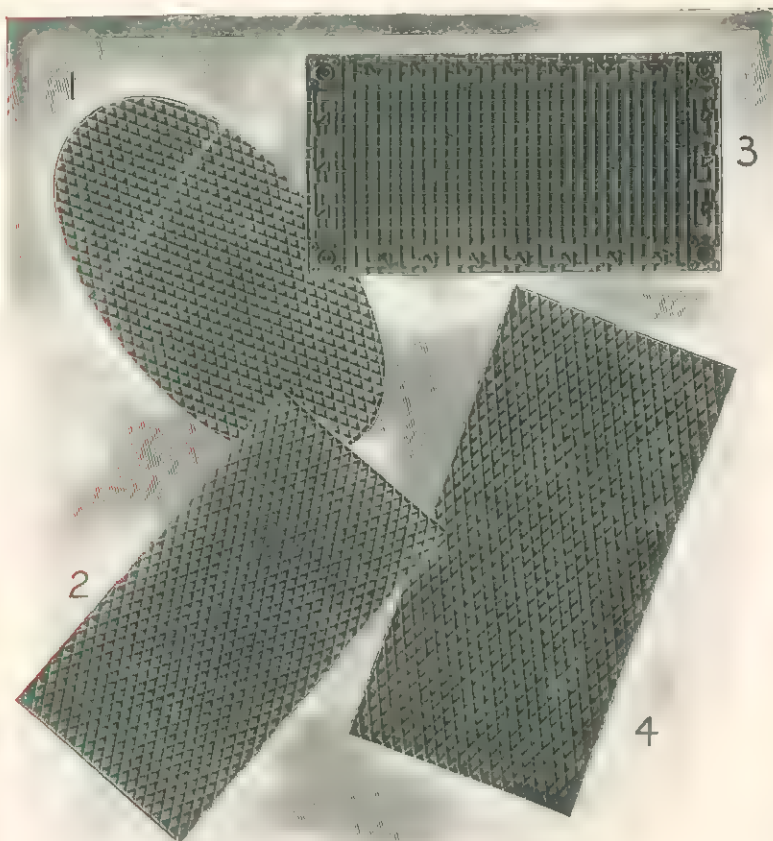




RUBBER MFG. COMPANY



THE GUTTA PERCHA AND



Moulded and Diamond Door Mats

WE submit, on this and the following page, illustrations showing the patterns that we have to offer in *diamond mats*.

No.	Prices per doz.	No.	Prices per doz.
1. 17 x 31, oval . .	\$27.00	3. 17 x 31, with border . .	\$30.00
2. 17 x 31, no border, . .	30.00	4. 18 x 36, no border . .	36.00

Moulded and Diamond Door Mats

These designs are specially adapted to withstand the unusual wear and tear to which such mats are subjected. To this we have added good material and careful workmanship, and can therefore offer a line of mats superior in all respects to any in the market.

- 5. 20 x 40 inch, without border . . . \$48.00
- 6. 17 x 31 inch, with heavy border . . . 30.00
- 7. 17 x 31 inch, with heavy border . . . 30.00
- A. Special Mats
Prices on application.



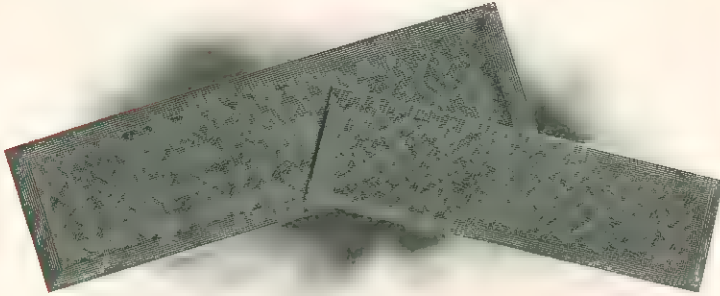
THE GUTTA PERCHA AND



Corrugated Rubber Mats

	Per Dozen ¾ inch thick		Per Dozen ¾ inch thick
15 x 15 inches . . .	\$ 7.85	24 x 144 inches . . .	\$120.00
16 x 32 inches . . .	18.00	25½ x 54½ inches . . .	48.00
17 x 31 inches . . .	18.50	28 x 36 inches . . .	35.00
18 x 15 inches . . .	9.38	30 x 30 inches . . .	31.25
18 x 18 inches . . .	11.00	30 x 36 inches . . .	37.50
18 x 24 inches . . .	15.00	30 x 48 inches . . .	50.00
18 x 30 inches . . .	18.75	30 x 60 inches . . .	62.50
18 x 36 inches . . .	21.50	30 x 72 inches . . .	75.00
18 x 48 inches . . .	30.00	30 x 96 inches . . .	100.00
20 x 30 inches . . .	21.00	30 x 120 inches . . .	125.00
20 x 40 inches . . .	27.75	30 x 144 inches . . .	150.00
24 x 24 inches . . .	20.00	36 x 48 inches . . .	60.00
24 x 30 inches . . .	25.00	36 x 60 inches . . .	75.00
24 x 36 inches . . .	30.00	36 x 72 inches . . .	90.00
24 x 48 inches . . .	40.00	36 x 96 inches . . .	120.00
24 x 55 inches . . .	46.00	36 x 120 inches . . .	150.00
24 x 60 inches . . .	50.00	36 x 144 inches . . .	180.00
24 x 72 inches . . .	60.00	38 x 48 inches . . .	63.50
24 x 96 inches . . .	80.00	42 x 42 inches . . .	61.25
24 x 120 inches . . .	100.00		

3-32 inch thick, 20 per cent. less

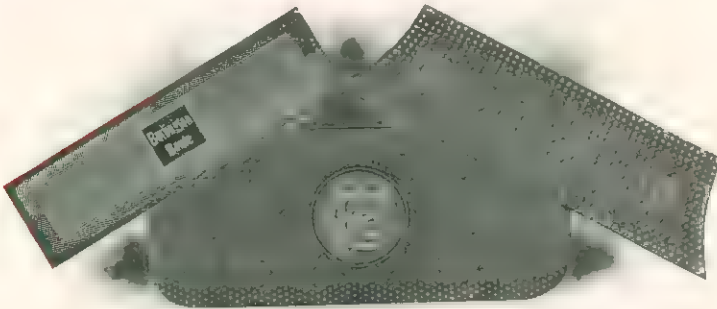


Rubber Stair Treads

Such as are used for cars, etc.

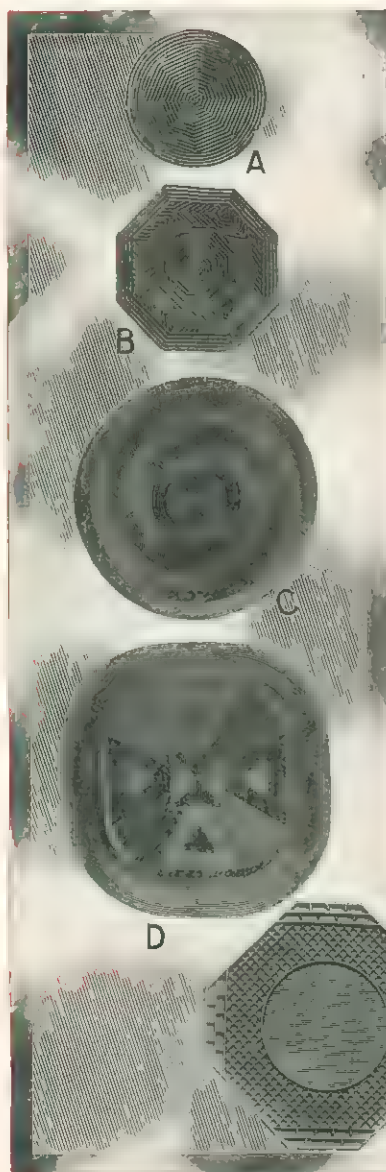
	Per Dozen ¾ inch thick		Per Dozen ¾ inch thick
4 x 15 inches	\$ 2.40	8 x 30 inches	\$ 8.75
6 x 18 inches	4.00	8 x 36 inches	10.50
6 x 20 inches	4.50	8 x 42 inches	12.25
6 x 24 inches	5.25	9 x 28 inches	9.00
6 x 30 inches	6.67	9 x 30 inches	10.00
6 x 48 inches	10.20	9 x 34½ inches	10.75
7 x 24 inches	6.00	9 x 35 inches	11.00
7 x 29 inches	7.50	9 x 36 inches	11.25
7 x 40 inches	10.37	9 x 42 inches	13.75
7½ x 32 inches	8.75	9 x 47 inches	14.70
7½ x 42 inches	11.50	10 x 24 inches	8.75
8 x 18 inches	5.25	10 x 40 inches	14.60
8 x 22 inches	6.40	12 x 24 inches	10.50
8 x 24 inches	7.10		

3-32 inch thick, 20 per cent. less



Special Knob and Lettered Treads

Prices on application



Pitcher, Bottle and Glass Mats, Cuspidor Mats, Etc.

A and B made in 5-inch sizes only.
C and D made in all sizes from
11 to 18 inches.

	Per Dozen
5 in. diam. $\frac{1}{8}$ in. thick, .	\$0.84
11 in. diam. $\frac{1}{8}$ in. thick, .	3.96
12 in. diam. $\frac{1}{8}$ in. thick, .	4.80
15 in. diam. $\frac{1}{8}$ in. thick, .	7.20
18 in. diam. $\frac{1}{8}$ in. thick, .	10.80

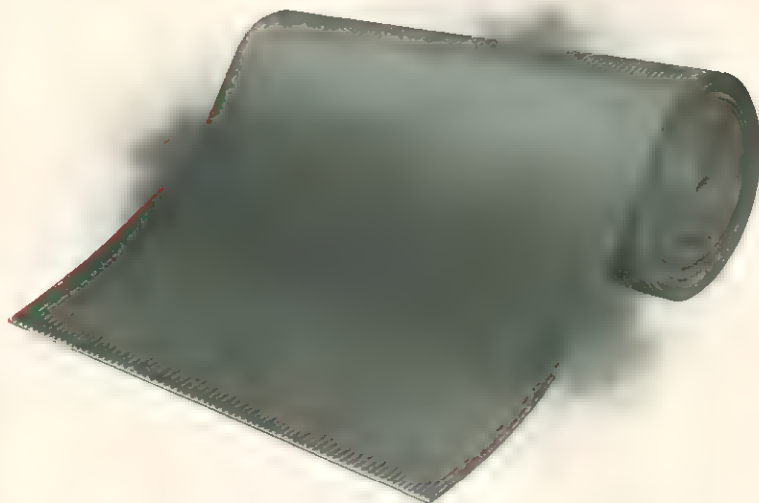
Mats made $\frac{3}{8}$ inch thick at a
reduction of 20 per cent on above
prices.

Style E	Per Dozen
14 x 14 in. x $\frac{1}{8}$ in. thick, .	\$15.00

Style F. White

7 x 10 in. x $\frac{1}{8}$ in. thick, .	10.50
---	-------

RUBBER MFG. COMPANY



Corrugated Rubber Matting

Made in rolls 30 to 72 inches wide, about 40 yards long, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, and $\frac{1}{4}$ inch thick, and to weigh about $7\frac{1}{2}$, 10, 15 and 20 pounds per square yard respectively.

Price per pound, \$ 0.40

Rubber Mats

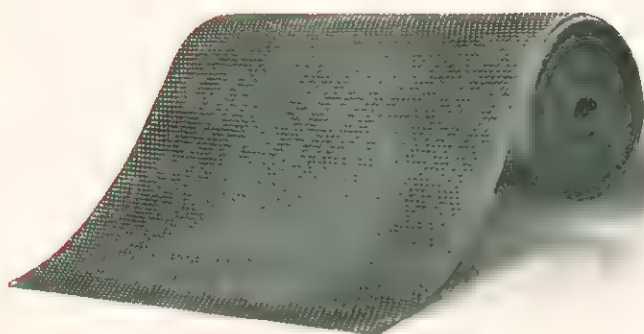
Shaped to fit chair. For Barbers' Use.

Perforated

¼ inch thick,	. . . . .	each, \$ 7.50
Letters,	. . . . .	each, .25

Corrugated

¾ inch thick,	. . . . .	each, \$ 6.00
½ inch thick,	. . . . .	each, 8.00
⅝ inch thick,	. . . . .	each, 10.00
⅜ inch thick,	. . . . .	each, 12.00



Knob Matting

Made in any thickness desired, from $\frac{1}{8}$ inch to $\frac{1}{4}$ inch, measured from the top of the knob.

Regular width 36 inches, but we have facilities for producing it up to and inclusive of 72 inches.

Fire Hose

Rubber Carbolized

Chemical Engine

Cotton—Rubber Lined

Multiple Woven

Double Jacket

Heavy Single

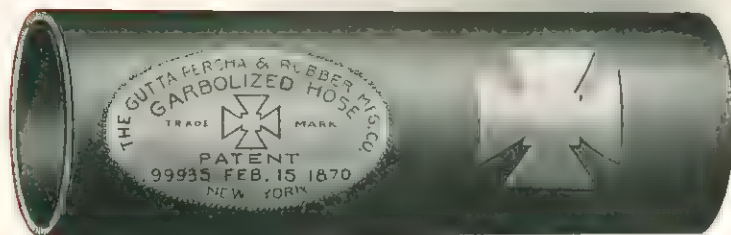
Underwriters

Mill Hose

Linen:



THE GUTTA PERCHA AND



Rubber Fire Hose

*We are the sole proprietors and manufacturers
of the celebrated Maltese Cross Brand of
Carbolized Rubber Fire Hose*

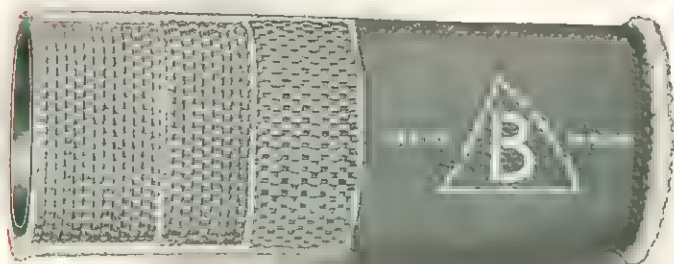
Manufactured under letters patent Nos. 66,518, 99,935, 151,418, 141,419,
159,345. Reissue Nos. 3,842, 4,148.

THE unrivaled durability, strength and flexibility
of this hose has established its superiority over
all other brands of fire hose, and fully sustains its
reputation as the best fire hose in the world.

The first patent covers our original invention for
treating the cotton duck with a solution of carbolic
acid to prevent mildew, rot and organic decay. The
other patents cover subsequent improvements which add
greatly to the strength and flexibility of the hose.

Strong, light and durable. Needs no drying, therefore
saves the expense of a drying tower.

Samples and prices, with full description,
furnished upon application



Cotton Fire Hose

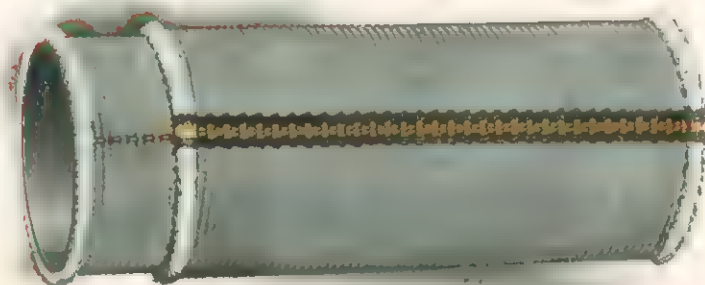
Baker Fabric Brand

MAXIMUM strength, minimum weight. A multiple woven hose, every thread a strain-bearing one.

The strongest, closest reeling, most pliable and best cotton hose made. It is woven in any number of plies necessary, to suit the pressure to be resisted. The most valuable feature of the weave is that the whole outer ply may be cut or worn away without affecting the strength of the plies beneath. Being flat-woven, when reeled it is in its natural position, an important fact which should be kept in view when comparing it with circular-woven hose; the latter when reeled is subject to great strain on the edges or folds of the coil, necessarily weakening the fabric and causing premature decay. Further, owing to our manner of weaving, the hose will unreel straight and not writhe or twist under pressure. It is equally soft and pliable wet or dry; having a smooth waterway, friction is reduced to a minimum.

Samples and prices, with full description,
furnished upon application

THE GUTTA PERCHA AND

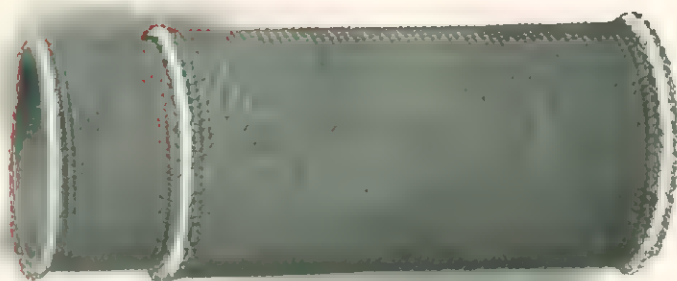


Underwriters' Jacket Fire Hose

THIS is the finest grade of jacket fire hose. The fabric is made of selected long staple cotton yarn woven to comply with the specifications issued by the National Board of Underwriters. It bears the orange and black stripe, our Underwriters' trade mark.

The highest grade of rubber lining is used, and we offer the hose as the strongest and most durable jacket hose in the market.

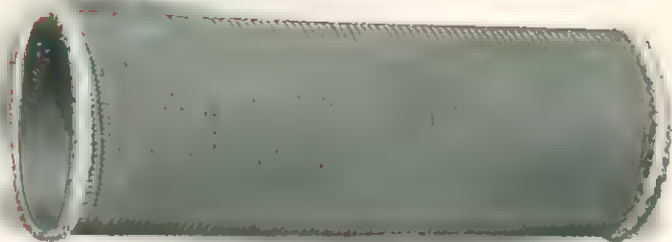
Samples and prices, with full description,
furnished upon application



Jacket Fire Hose

WE offer our jacket hose as shown above for use in fire departments and wherever a strong, durable article is required—one that must withstand high pressure and the wear incidental to being dragged about. It is woven of yarn selected from the best cotton, and lined with a first-class tube, and is guaranteed fully in every respect. This is one of the most popular grades of cotton hose we make.

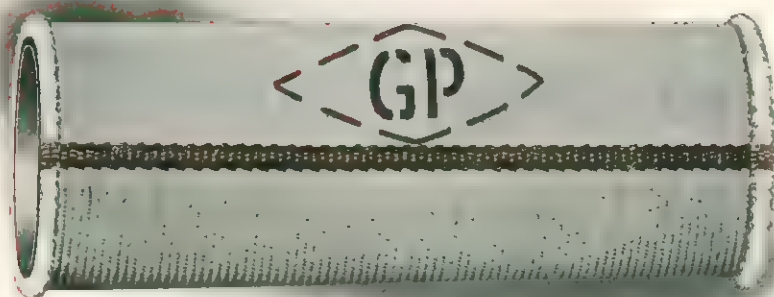
Samples and prices, with full description,
furnished upon application



Ajax Brand Fire Hose
Heavy Single

THIS grade is made of a very heavy weave of the finest selected yarn, capable of resisting high pressure and great wear. The rubber lining is of the best quality, making a hose suitable for fire departments. It reels snugly, owing to its being woven in an oval, or flattened, form.

Samples and prices, with full description,
furnished upon application

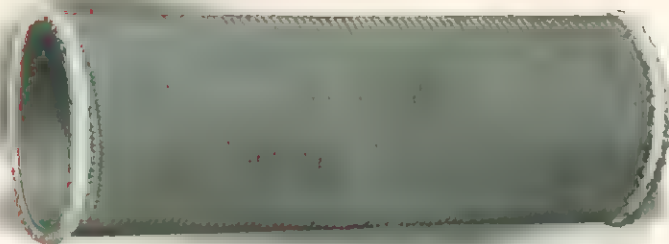


Underwriters' Hose

We manufacture this cotton hose to the specifications of the National Board of Fire Underwriters for private department and mill-yard use.

Samples and prices, with full description,
furnished upon application

THE GUTTA PERCHA AND



Mill Hose

Ajax Brand

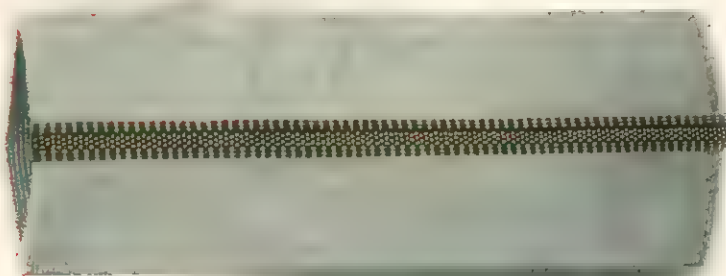
WE have devoted much time and careful attention to the manufacture of a perfectly reliable rubber lined cotton fire hose for use in factories, mills, etc., combining lightness with strength and durability. As a result we have produced our Ajax brand rubber lined cotton mill hose, which we can recommend as just that article. Made with good durable lining that will last for years, and with strong cotton fabric so woven as to lie snugly when reeled. Very flexible.

List

1¼ inch diameter	.	.	.	.	.	.	per foot, \$0.45
1½ inch diameter	.	.	.	.	.	.	per foot, .50
2 inch diameter	.	.	.	.	.	.	per foot, .60
2¼ inch diameter	.	.	.	.	.	.	per foot, .65
2½ inch diameter	.	.	.	.	.	.	per foot, .70
3 inch diameter	.	.	.	.	.	.	per foot, 1.00

Samples and prices, with full description,
furnished upon application

RUBBER MFG. COMPANY

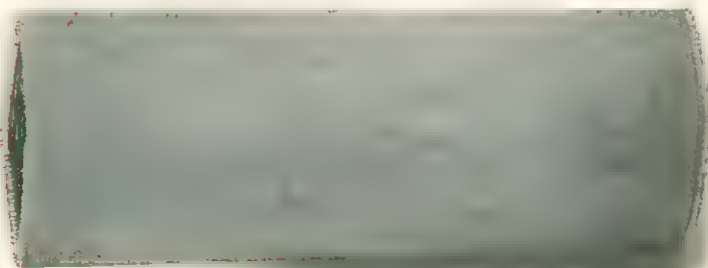


Underwriters' Water Tight

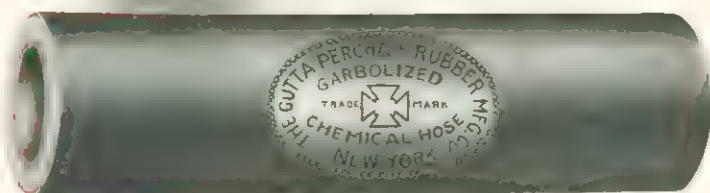
Linen Hose

Unlined and Seamless

1	inch diameter	.	.	.	.	.	per foot, 16 cents
1	$\frac{1}{4}$ inch diameter	.	.	.	.	.	per foot, 18 cents
1	$\frac{1}{2}$ inch diameter	.	.	.	.	.	per foot, 20 cents
1	$\frac{3}{4}$ inch diameter	.	.	.	.	.	per foot, 23 cents
2	inch diameter	.	.	.	.	.	per foot, 25 cents
2	$\frac{1}{4}$ inch diameter	.	.	.	.	.	per foot, 27 cents
2	$\frac{1}{2}$ inch diameter, fire department size	.	.	.	.	.	per foot, 29 cents
3	inch diameter	.	.	.	.	.	per foot, 35 cents



Plain Linen Hose



Chemical Hose

For chemical engines and fire extinguishers.

IT is generally understood that hose is more readily affected by chemicals than it is by water alone. We provide against this as far as possible by compounding our rubber for chemical hose with ingredients enabling it to resist the action of whatever chemicals may be used. Our Maltese Cross grade is, like our fire hose of same brand, the finest that can be made. We also make Ridgewood grade, which will give good service.

List Prices

$\frac{1}{8}$ inch diameter	.	.	.	.	.	.	per foot, \$0.20
$\frac{3}{8}$ inch diameter	.	.	.	.	.	.	per foot, .25
$\frac{1}{2}$ inch diameter	.	.	.	.	.	.	per foot, .28
$\frac{3}{4}$ inch diameter	.	.	.	.	.	.	per foot, .30
$\frac{1}{2}$ inch diameter	.	.	.	.	.	.	per foot, .38
$\frac{3}{4}$ inch diameter	.	.	.	.	.	.	per foot, .45
1 inch diameter	.	.	.	.	.	.	per foot, .60

Miscellaneous

Play Pipes

Couplings

Clamps

Vestibule Hoods

Rubber Buckets

Rubber Covered Rolls

Billiard Cushions

Rubber Soling

Printers' Blankets

Hose Racks and Reels

Hydrant Gates

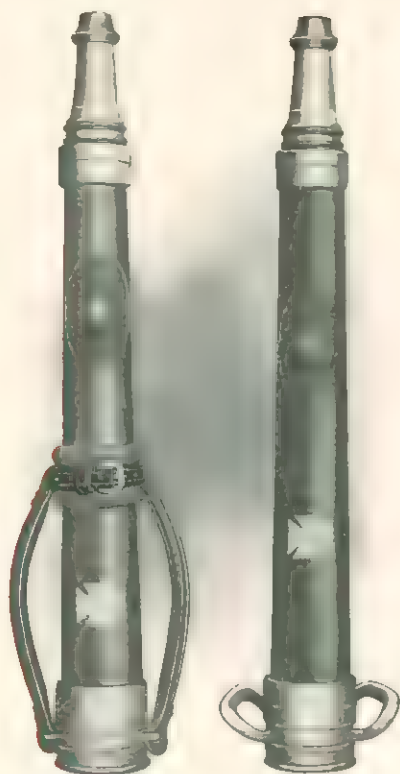
Siamese Connections

Spanners

Hose Carts

Garden Hose Reels

THE GUTTA PERCHA AND



Flexible Rubber Play Pipes

Patent Maltese Cross Carbolized

FOR fire department service. Fitted with brass or leather handles as indicated in cuts. The great strength and flexibility of our "Maltese Cross" pipes and their superiority over brass pipes is too well known to need comment. They will stand the hard knocks and severe service of fire department work better than any pipes in the world.

Prices

30 inches long	.	.	.	.	.	.	.	.	.	\$16.00
36 inches long	.	.	.	.	.	.	.	.	.	18.00

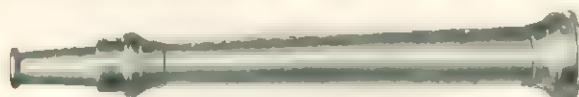
RUBBER MFG. COMPANY



Hose Pipes List Price

Without Tips

Size	inches	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	$2\frac{1}{2}$
Length	inches	8	9	$10\frac{1}{2}$	$10\frac{1}{2}$	11	12	20
Per dozen		\$7.00	\$9.00	\$15.00	\$18.00	\$30.00	\$48.00	\$78.00



With Screw Tips

Size	inches	$\frac{3}{4}$	$\frac{3}{4}$	1	1	$1\frac{1}{4}$	$1\frac{1}{4}$
Length	inches	$7\frac{1}{2}$	12	$8\frac{1}{2}$	$12\frac{1}{2}$	12	15
Hose Pipe Thread	per dozen	\$ 8.00	\$10.00	\$10.00	\$12.00	\$20.00	\$24.00
Size	inches	$1\frac{1}{2}$	$1\frac{1}{2}$	2	2	2	$2\frac{1}{2}$
Length	inches	13	15	12	15	20	15
Hose Pipe Thread	per dozen	25.00	30.00	38.00	45.00	50.00	75.00
Size	inches	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	.....	.....
Length	inches	20	24	30	36	.....	.....
Hose Pipe Thread	per dozen	96.00	100.00	144.00	157.00	.....	.....



Underwriters'

Swivel Handle Play Pipes

Wound with Cotton Cord and Painted

List Price

Size	inches	2	2	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$
Length	inches	20	24	24	30	36
Without Handles	each	\$8.00	\$ 9.00	\$10.00	\$11.00	\$14.00
With Handles	each	9.00	10.00	11.00	12.00	15.00

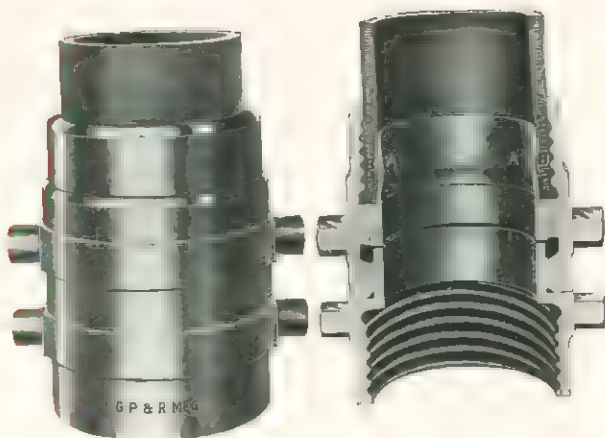


Figure 12
Showing coupling complete
with hose in one end.

Figure 13
Sectional view of same,
showing expanded ring.

Expanded Ring Coupling

THIS style of coupling is the one in general use in fire departments all over the country. The use of the expanded ring enables us to obviate any possibility of couplings blowing off, at the same time making a clear, smooth waterway from end to end. It is without doubt the best kind of coupling in the market.

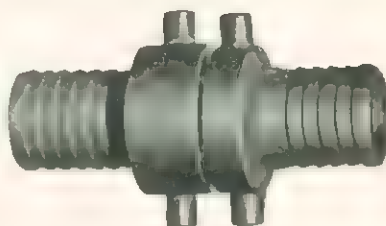
Made in large sizes for suction hose with long handles.

Prices

1½ inch, including expansion rings	.	.	.	.	each, \$2.00
2 inch, including expansion rings	.	.	.	.	each, 2.50
2½ inch, including expansion rings	.	.	.	.	each, 3.00
Expansion rings	.	.	.	.	per dozen, 2.00
Hose cappers	.	.	.	.	per dozen, 1.00

RUBBER MFG. COMPANY

Water Hose Couplings



Price List

Size inches		$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
Hose pipe thread per dozen		\$2.40	\$2.40	\$4.40	\$10.00	\$14.00
Iron pipe thread per dozen		2 65	2 65	4.65	10.50	15.00
Size inches		2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4
Hose pipe thread per dozen		24 00	48.00	75.00	.....	.....
Iron pipe thread per dozen		26.00	50.00	76.00	120.00	150.00
Size inches		5	6	8	.....	.....
Iron pipe thread per dozen		250 00	350.00	504.00	.....	.....

NOTE.—Couplings with Hose Pipe Thread will always be sent if not otherwise ordered. $3\frac{1}{2}$ to 8 inch, inclusive, are made with Iron Pipe Thread unless otherwise ordered.



Steam Hose Couplings

Made with Lugs
or Nut

Price List

Size inches	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$
Hose pipe thread, per doz	\$15.00	\$15.00	\$18.00	\$24.00	\$30.00	\$42 00	\$72.00

Suction Hose Couplings

Size	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	5	$5\frac{1}{2}$
Each	\$ 7.50	\$ 9.50	\$12.50	\$16 00	\$ 20 00	\$ 24.00
Size	6	$6\frac{1}{2}$	7	8	9	10
Each	28.00	40.00	54.00	80.00	100.00	\$120.00

Iron Pipe Nipples in all sizes

THE GUTTA PERCHA AND



Clamps for Water Hose *Price List*

Size inches	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
Price per dozen	\$1.50	\$1.50	\$2.00	\$2.50	\$3.00
Size inches	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4
Price per dozen	4.00	7.00	10.00	24.00	30.00

Made to fit the different ply Hose. In ordering give the ply hose the clamps are required for.

We carry full line of large sizes in each variety.

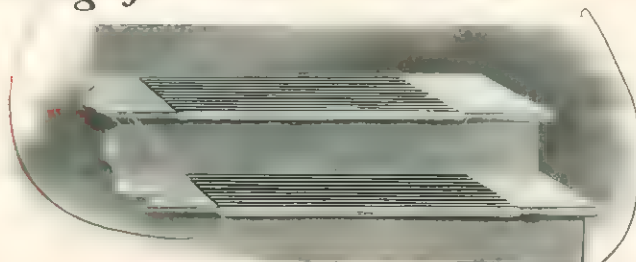
Clamps for Steam Hose

Extra large sizes made in halves.

Price List

Size inches	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
Price per dozen	\$2.00	\$2.00	\$2.50	\$3.00	\$3.50

Nosings for Stairs — All styles.



Zinc	per foot, 12 cents
Brass	per foot, 22 cents

RUBBER MFG. COMPANY



Vestibule Hoods

For Railroad Cars

Prices Upon Application

THE GUTTA PERCHA AND

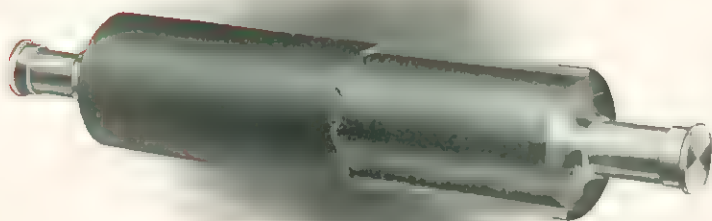


Flexible Rubber Pail Flexible Rubber Bucket

Capacity, 8 Quarts

Flexible rubber pails	.	.	.	.	.	per dozen, \$54.00
Flexible rubber buckets,	.	.	.	.	.	per dozen, 36.00
Acid pails,	.	.	.	.	.	Prices on application

In ordering acid pails state kind of acid they will come in contact with.



Rubber Covered Rolls

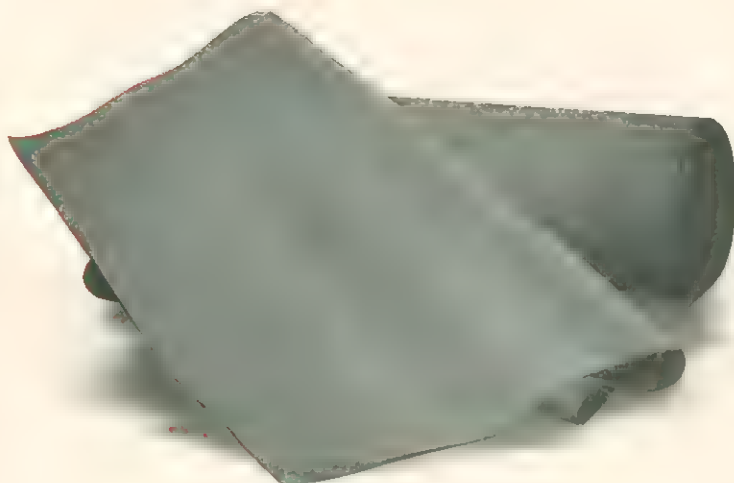
WE manufacture rubber covered rolls of all descriptions, and have had a large experience in covering rolls for paper mill machinery. Write for prices and state the use rolls are to have so we can give best results.

We Guarantee our rolls will not blister nor become soft in spots.

That the rubber will not separate from the iron.

That it will have proper density as well as an absolutely true surface.

THE GUTTA PERCHA AND

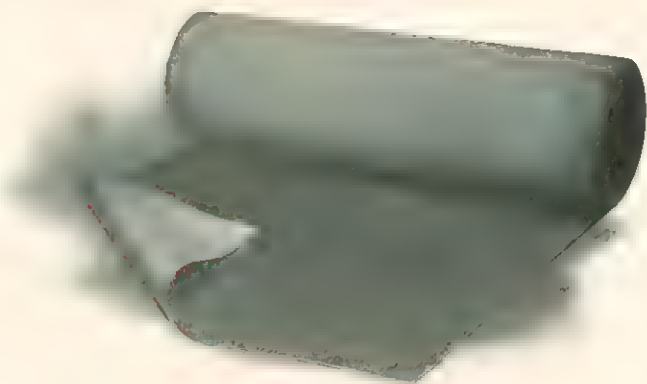


Printers' and Lithographers' Blankets

For printing and lithograph presses, also delaine, satinet, calico and wall paper printers.

Width Inches	2-Ply No. 16 1-16 thick Per Yard	3-Ply No. 14 1-12 thick Per Yard	4 and 5-Ply No. 11 1-8 thick Per Yard	Width Inches	2-Ply No. 16 1-16 thick Per Yard	3-Ply No. 14 1-12 thick Per Yard	4 and 5-Ply No. 11 1-8 thick Per Yard
26	\$ 5.00	\$ 6.25	\$ 7.25	46	\$ 9.50	\$11.00	\$14.50
30	5.50	6.75	8.25	48	10.50	12.00	16.00
32	5.75	7.00	8.75	50	12.00	14.00	18.00
34	6.25	7.50	9.75	52	14.00	16.00	20.00
36	6.50	7.75	10.25	54	16.00	18.00	22.00
38	7.25	8.50	11.25	56	18.00	20.00	24.00
40	7.50	8.75	11.75	58	20.00	22.00	26.00
42	8.00	9.50	12.50	60	22.00	24.00	28.00
44	8.50	10.00	13.50				

Full rolls contain 18 to 20 yards and are carried in stock.
Special lengths cut or made to order.



Rubber Soling

For rubber and leather boots and shoes.

Made in rolls 1 yard wide, and either plate finish, as in above cut, or ordinary rough finish. The usual thickness is $\frac{1}{8}$ of an inch; and in this thickness it weighs about 10 pounds to the square yard. Other thicknesses weigh proportionately per square yard.

Price per pound, \$0.50



Billiard Cushions

Have moulds for a great variety of shapes.

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